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Name: Dr. Ayad Hani Ismail Ahmed Al Allaf

Born: Mosul / 1976

Academic Rank: Assistant Professor

Specialization: Horticultural sciences/production of evergreen fruits

Date of appointment in the College of Agriculture and Forestry:
27/12/2005

Certificates:

Certificate	Specialization	Year of Graduation	University
BA	horticulture science	1999	Mosul
Master's	horticulture science	2002	Mosul
PhD	horticulture science	2020	Mosul



Master's thesis title: Effect of date and concentrations of IBA in rooting semi-woody cuttings of olive cultivar Bashika taken from the base and middle of the branch.

Doctoral thesis title: The effect of budding date and chemical, organic and biological fertilization on the success of local orange grafting and the subsequent growth of seedlings

Published Research: (39 Research)

- 1- Effect of cutting dates and IBA concentrations on rooting of the basal and medial olive cuttings of the branches (joint research). International Symposium on Horticultural Production Technology for Sustainable Development and Biodiversity, Aleppo / Syria / Pages 103 : 119 of 2007.
2. AUXINS APPLICATION ON PROPAGATION OF OLIVE C.V. CHEMLALI BY SEMI-HARDWOOD CUTTINGS. *Mesopotamia Journal of Agriculture*, 2009, Volume 37, Issue 4, Pages 55-64.
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3. THE INFLUENCE OF SOIL MULCHING ON GROWTH AND YIELD OF TWO STRAWBERRY VARIETIES. *Mesopotamia Journal of Agriculture*, 2009, Volume 37, Issue 3, Pages 61-69.
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4. EFFECT OF FOLIAR APPLICATION OF BORON ON GROWTH, FLOWERING AND YIELD OF STRAWBERRY. *Iraqi Journal of Agricultural Sciences* 3:41: (89-99, 2010.).
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5. EFFECT OF SOME FACTORS IN ASEXUAL PROPAGATION OF BASHIKA OLIVE BY SEMI-HARDWOOD CUTTING. *Mesopotamia Journal of Agriculture*, 2009, Volume 38, Issue 3.

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6. Effect of cuttings taken dates and IBA concentrations in propagation Sweet lemon by semi-hardwood cuttings. Tikrit University Journal of Agricultural Sciences Volume (10) Issue (2) (2010).

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8. EFFECT OF UREA AND HUMIC ACID APPLICATION ON VEGETATIVE GROWTH OF LOQUAT SEEDLINGS. *Mesopotamia Journal of Agriculture*, 2012, Volume 40, Issue 4, Pages 22-31.

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9. Effect of Foliar Spray of Iron Cheleate and Acta Acro Fertilizers on Growth of Pistacia vera L. Seedling. Al-Rafidain Science Journal, Volume 43, Issue 2, pp. 71-81, 2012.

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10. Effect of Foliar Spray with Urea and Ascorbic Acid on Vegetative Growth of Sour Orange Seedling. Damascus University Journal of Agricultural Sciences - 2012 (Volume) 28 (Issue 2) - Pages: 3-17.

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11. EFFECT OF FOLIAR SPRAY OF SEAWEED EXTRACT ALGAREEN AND UREA ON VEGETATIVE GROWTH OF PISTACIA KHINJUK STOCKS TRANSPLANT. *Mesopotamia Journal of Agriculture*, 2013, Volume 41, Issue 1, Pages 59-68.

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20. THE ROLE OF " EXCELLENT " FOLIAR FERTILIZER ON THE GROWTH OF FIG TRANSPLANTS CVS . ASWAD DIALA AND WHITE ADRIATIC. . *Mesopotamia Journal of Agriculture*, 2014, Volume 42, Issue 1,.

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21. EFFECT OF SEEDS SOAKING PERIODS WITH DIFFERENT CONCENTRATION OF HUMIC ACID IN IMPROVING THE GERMINATION OF LOQUAT SEEDS AND SEEDING GROWTH Eriopotrya japonica Lind. *Al-Furat Journal of Agricultural Sciences*. 8(3) : 33-41 (2016).

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30. The effect of spraying with nano-iron and zinc on improving growth and mineral content of pomelo (*Citrus grandis*) seedlings. *Int. J. Agricult. Stat. Sci.* Vol. 16, Supplement 1, pp. 1645-1650, 2020.
<https://www.researchgate.net/publication/348265310> THE EFFECT OF SPRAYING WITH NANO-IRON AND ZINC ON IMPROVING GROWTH AND MINERAL CONTENT OF POMELO CITRUS GRANDIS SEEDLINGS
31. Effect of saline stress on growth of fruit plants (review article. *Mesopotamia J. of Agric.* Vol. (48) No. (4) 2020.
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32. Effect of Compound Fertilizer NPK , Liquid Organic Fertilizer Nutrigreen and Some Biofertilizers on The Concentration of Heavy Metals in the Leaves of Local Orange Transplants. *Plant archives*, 21(1) (2021).
33. EFFECT OF SOME LIQUID ORGANIC FERTILIZERS ON THE GROWTH OF SEEDLINGS OF APRICOT. *Plant Archives* Volume 20 No. 2, 2020 pp. 7202-7206.
<https://www.researchgate.net/publication/346562224> EFFECT OF SOME LIQUID ORGANIC FERTILIZERS ON THE GROWTH OF SEEDLINGS OF APRICOT
34. Nano-Materials Effect on Improving the Productivity of Pomegranate (*Punica granatum* L.) Wonderful Cultivar Under Saline Stress. *Asian Journal of Plant Sciences*, 21(1) : 88-93. 2022.
<https://www.researchgate.net/publication/355154117> Nano-Materials Effect on Improving the productivity of pomegranate *Punica granatum* L Wonderful cultivar under saline stress
35. The effect of spraying amino acid fertilizer on the growth characteristics and mineral content of pomelo (*Citrus grandis*) seedlings. *Iran. J. Ichthyol.* (Special Issue 1, 2022): 123-126.
- 36 effect of bio, organic and chemical fertilization on the growth of grafted pomelo and grapefruit seedlings .*International Journal of Agricultural and Statistical Sciences* 18 (1) 2022
37. The effect of foliar spraying with nano fertilizer and the addition of liquid organic Botminn Plus fertilizer on the growth of grapefruit seedlings . *International Journal of Agricultural and Statistical Sciences* 18 (2) 2022.

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[https://www.researchgate.net/publication/344379186 RESPONSE OF THE OLIVE SEEDLINGS OF MANZINILLO VARIETY TO FOLIAR SPRAY WITH SOME GROWTH STIMULI](https://www.researchgate.net/publication/344379186)

Scientific expertise :

1- Lecturer in the Department of Horticulture and Landscape Engineering / College of Agriculture and Forestry / University of Mosul for the period from 2003 to 2005.

2- Assistant Lecturer in the Department of Horticulture and Landscape Engineering / College of Agriculture and Forestry / University of Mosul for the period from 27/12/2005 to 25/10/2009.

3- Lecturer in the Department of Horticulture and Landscape Engineering / College of Agriculture and Forestry / University of Mosul from 25/10/2009 to 26/11/2012.

4- Assistant Professor in the Department of Horticulture and Landscape Engineering / College of Agriculture and Forestry / University of Mosul from 26/11/2012.

Number of books authored (14 books)

Number of guide leaflets (15 leaflets)

Participation in many international conferences, seminars, workshops and scientific lectures.

Supervising a number of graduate students and participating in discussion committees

He has more than 60 books of thanks and appreciation

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